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IN THE UNITED STATES ATENT AND TRADEMARK OFFICE

In re the Application of:

Fritz Eckstein, et al.

Serial No.: 08/936,657

Filed: September 24, 1997

For: MODIFIED RIBOZYMES

Group Art Unit: 1635

Patent 228/213

Examiner: LeGuyader

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In response to the Office Action mailed on November 27, 1998, Applicant requests that the Examiner consider the following amendments and remarks.

In the claims:

Please amend the claims as follows.

44. (Amended) A method of cleaving a target RNA molecule comprising the step of providing said target RNA molecule with a catalytic RNA molecule under conditions suitable for said catalytic RNA molecule to cleave said target RNA molecule, wherein said catalytic RNA molecule comprises at least one modified nucleoside, said modified nucleoside comprising a

CERTIFICATE OF MAILING (37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Line Gauthier
Name of Person Mailing Paper

May 27, 1999 Date of Deposit SD-116222.1

Signature of Person Mailing Paper